



seq listing.txt
SEQUENCE LISTING

<110> Roche Diagnostics GmbH

<120> Expression of alkaline phosphatase in yeast

<130> 5387/00/

<140>

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<160> 38

<170> PatentIn Ver. 2.1

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<211> 1476

<212> DNA

<213> Bovine

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cccgccaccg ccaccagcat ccccgacttag ggtacc 1476

<210> 2

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

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<211> 36

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Artificial

<400> 3

cgcggttacc ctatgcgggg atgctgggtgg cggtgg

36

<210> 4

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<211> 487
<212> PRT
<213> Bovine

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Ala Lys Asn Val Ile Leu Phe Leu Gly Asp Gly Met Gly Val Pro Thr
35 40 45
Val Thr Ala Thr Arg Ile Leu Lys Gly Gln Met Asn Gly Lys Leu Gly
50 55 60
Pro Glu Thr Pro Leu Ala Met Asp Gln Phe Pro Tyr Val Ala Leu Ser
65 70 75 80
Lys Thr Tyr Asn Val Asp Arg Gln Val Pro Asp Ser Ala Gly Thr Ala
85 90 95
Thr Ala Tyr Leu Cys Gly Val Lys Gly Asn Tyr Arg Thr Ile Gly Val
100 105 110
Ser Ala Ala Ala Arg Tyr Asn Gln Cys Asn Thr Thr Arg Gly Asn Glu
115 120 125
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145 150 155 160
Ala His Thr Val Asn Arg Asn Trp Tyr Ser Asp Ala Asp Leu Pro Ala
165 170 175
Asp Ala Gln Lys Asn Gly Cys Gln Asp Ile Ala Ala Gln Leu Val Tyr
180 185 190
Asn Met Asp Ile Asp Val Ile Leu Gly Gly Arg Met Tyr Met Phe
195 200 205
Pro Glu Gly Thr Pro Asp Pro Glu Tyr Pro Asp Asp Ala Ser Val Asn
210 215 220
Gly Val Arg Lys Asp Lys Gln Asn Leu Val Gln Glu Trp Gln Ala Lys
225 230 235 240
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245 250 255
Ala Asp Asp Ser Ser Val Thr His Leu Met Gly Leu Phe Glu Pro Ala
260 265 270
Asp Met Lys Tyr Asn Val Gln Gln Asp His Thr Lys Asp Pro Thr Leu
275 280 285
Ala Glu Met Thr Glu Ala Ala Leu Gln Val Leu Ser Arg Asn Pro Arg
290 295 300
Gly Phe Tyr Leu Phe Val Glu Gly Gly Arg Ile Asp His Gly His His
305 310 315 320
Asp Gly Lys Ala Tyr Met Ala Leu Thr Glu Ala Ile Met Phe Asp Asn
325 330 335
Ala Ile Ala Lys Ala Asn Glu Leu Thr Ser Glu Leu Asp Thr Leu Ile
340 345 350

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Leu Val Thr Ala Asp His Ser His Val Phe Ser Phe Gly Gly Tyr Thr
355 360 365
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Ser Lys Ser Tyr Thr Ser Ile Leu Tyr Gly Asn Gly Pro Gly Tyr Ala
385 390 395 400
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405 410 415
Pro Ser Tyr Arg Gln Gln Ala Ala Val Pro Leu Ala Ser Glu Thr His
420 425 430
Gly Gly Glu Asp Val Ala Val Phe Ala Arg Gly Pro Gln Ala His Leu
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Val His Gly Val Gln Glu Glu Thr Phe Val Ala His Ile Met Ala Phe
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<210> 5

<211> 1476

<212> DNA

<213> Artificial Sequence

<220>

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<211> 78

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<213> Artificial Sequence

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seq listing.txt

<223> Description of Artificial Sequence: Artificial

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<211> 70

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Artificial

<400> 7

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<210> 8

<211> 69

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Artificial

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<210> 9

<211> 70

<212> DNA

<213> Artificial Sequence

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aaaattctag 70

<210> 10

<211> 71

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Artificial

<400> 10

gctatggatc aatttccata cgttgcttgc tctaagactt acaatgttga tagacaagtt 60
ccagattctg c 71

<210> 11

<211> 71

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Artificial

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<210> 12

<211> 72

<212> DNA

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seq listing.txt

<220>
<223> Description of Artificial Sequence: Artificial

<400> 12
gtaattacag aactattggc gtttctgctg ctgctagata caatcaatgt aatactacta 60
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<210> 13
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<212> DNA
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<400> 13
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<211> 74
<212> DNA
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catactgtta atag 74

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seq listing.txt

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<210> 20
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<210> 24
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seq listing.txt

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tgtatggtaa tgg 73

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seq listing.txt

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<210> 32
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ggtttgttgc aacc 74

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<210> 34
<211> 31
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<210> 35
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seq listing.txt

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<212> PRT
<213> *Saccharomyces cerevisiae*

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<210> 37
<211> 4
<212> PRT
<213> *Saccharomyces cerevisiae*

<400> 37
Leu Ile Pro Ala
1

<210> 38
<211> 6
<212> PRT
<213> *Saccharomyces cerevisiae*

<400> 38
Glu Ala Glu Ala Glu Phe
1 5

PAGE:
01/29/2002
09:48:38

1

VERIFICATION SUMMARY REPORT
PATENT APPLICATION

DATE:
TIME:

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0099\0073us\seq listing.txt

GENERAL INFORMATION SECTION

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5,<120> Expression of alkaline phosphatase in yeast
7,<130> 5387/00/
9,<140>
10,<141>
12,<160> 38
14,<170> PatentIn Ver. 2.1

ERRORED LINES SECTION

STATISTICS SUMMARY

Application Serial Number:
 Alpha or Numeric: Numeric
 Application Class:
 Application File Date:
 Art Unit:
 Software Application: PatentIn
 Total Number of Sequences: 38
 Total Nucleotides: 5071
 Total Amino Acids: 507
 Number of Errors: 0
 Number of Warnings: 0
 Number of Corrections: 0